



US Army Corps
of Engineers®



Holland Harbor, MI

Harbor Features

- Located on the east shore of Lake Michigan 95 miles northeast of Chicago, IL and 23 miles south of Grand Haven, MI.
- Authorization: River & Harbor Acts of 30 Aug 1852, 2 Mar 1867, 3 Mar 1899, 3 Mar 1905, 3 Jul 1930, 30 Aug 1935, 3 Sep 1954.
- Deep draft commercial harbor.
- Project depths – 23 feet in the entrance; 21 feet in inner channel and Lake Macatawa.
- Ranked among top 75 Great Lakes Harbors with 544,000 tons of material shipped or received in 2004.
- Over 5,500 feet of structures including breakwaters, piers, and revetments.
- Over 6.5 miles of maintained channel.
- Outer harbor dredged material is used for beach nourishment. The Lakewood Road dredged material placement site enables recycling of material dredged from the inner harbor and Lake Macatawa.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Verplank Trucking, Padnos Iron and Metal, Holland Public Works, and Brewers Dock.

Project Needs

- Approximately 25,000 to 30,000 cubic yards of material must be dredged from the entrance annually. Approximately 20,000 to 35,000 cubic yards of material must be dredged from the Lake Macatawa channel on a 2 to 4 year cycle.
- Navigation structures are primarily maintained by Government floating plant.



- The Lakewood Road dredged material placement site requires periodic maintenance to continue to provide capacity.

Consequences of Not Maintaining the Project

- Significant loss of jobs both locally and regionally.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$114,000 and \$271,000 annually.

Transportation Importance

- Major regional receiving port on the Great Lakes.
- Commodities received include limestone, scrap metals, sand, gravel, and coal.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Holland Harbor, MI - Project Needs and President's Budget (\$1,000)**

Work Package	FY07 Need	FY07 Work Plan	FY08 Need	FY08 Budget	FY09 Need	FY09 Budget*
Project Condition Surveys	131	131	97	97	138	
Maintenance Dredging of Outer Harbor	418	416	425	400	450	
Maintenance Dredging of Inner Harbor					705	
Maintenance Dredging – Backlog Work Package					155	
Structural Repairs – by Govt. Floating Plant	0	0	165	0	165	
Section 111: Mitigation of Shore Damage	0	0	30	0	30	
CDF Repairs					375	
TOTALS	549	547	717	497	2,018	

* FY09 President's Budget will be available in February 2008